

Technical Drafting



Purpose: To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of technical drafting. Use CAD to solve the problem is required. Hand sketches and hand lettering may be required

<p>Contest Location</p>	<ul style="list-style-type: none"> ▪ A113 <p>** Contest in A, B, C or D Hall will not be able to leave for lunch, please select "Contestant Plus" when registering or having contestant prepared to purchase lunch with credit card at vendors in the Exhibit Hall.</p>
<p>Special Notes</p>	<ul style="list-style-type: none"> ▪ Exhibit Halls do not open to observers until 12:00 pm. ▪ No smart watches and/or phones are permitted during the contest. ▪ No contact with anyone outside of the contest area once the contest begins ▪ No inappropriate communication between contestants such as verbally degrading another contestant ▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.
<p>Testing</p>	<ul style="list-style-type: none"> ▪ There will be a written test component
<p>Eligibility</p>	<ul style="list-style-type: none"> ▪ This contest has a regional qualifier, only the top 3 from Regional Competitions will qualify for State Championships.
<p>Clothing</p>	<ul style="list-style-type: none"> ▪ <u>Business Dress Casual</u> – <ul style="list-style-type: none"> • Official SkillsUSA white polo shirt. • Black dress slacks (accompanied by black dress socks or black or skin-tone seamless hose) or black dress skirt (knee-length, accompanied by black or skin-ton seamless hose). • Black leather closed-toe dress shoes. • No School names may be displayed on any apparel.
<p>Provided by Contestant (Tool List)</p>	<ul style="list-style-type: none"> • Hardware: MS/PC – DOS, IBM PC compatible workstation including: <ul style="list-style-type: none"> ○ Central processing unit-system will be configured to meet minimum software configuration requirements.

	<ul style="list-style-type: none"> ○ USB Port (So Coordinator can save work to their drive) ○ 25' UL approved extension cord ○ Mouse & Mouse Pad (optional) ○ 25' UL approved extension cord ○ Surge protector outlet strip ● Software: <ul style="list-style-type: none"> ○ Software will be the choice of the contestant and must be pre-loaded on the hard drive brought to the contest. Directories may be checked before the contest. Contestants using software other than SolidWorks (.slddrw,.drw) or Auto CAD (.dwg or .dxf) must make arrangements for technical industry support at the contest. <p>Supplied by the contestant</p> <ul style="list-style-type: none"> ○ Scrap paper ○ Pencil and eraser ○ USB Drive to save work on ○ Measurement Equipment (Calipers, rulers) ○ Engineers Handbook <p>Supplied by the Coordinator</p> <ul style="list-style-type: none"> ○ Any reference materials needed to complete project will be provided by in the packet. <p>Plotting note: Students must be able to save from their computer to the coordinator's USB Drive. Coordinator will plot 8-1/2" x 11.</p> <p>Note: All contestants must bring their own computer hardware and ensure that their computer has the capability to run their CAD software. Contestants from the same school will not be able to share a computer in the contest. The software should be activated and tested before the contest. It should be tested to make certain it works with the WI-FI turned off and while not connected to the school's network.</p>
<p style="text-align: center;">Competition Standards</p> <p style="text-align: center;">(Not all will be tested but contestant should be knowledgeable of all)</p>	<p style="text-align: center;">Follow the National Technical Standards</p>
<p style="text-align: center;">Resume</p>	<ul style="list-style-type: none"> ▪ In conjunction with National Standards, violations may result in student loss of contest.

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| | <ul style="list-style-type: none">▪ All SkillsUSA Ohio State Championship Contest will require a short interview component. Students should be prepared with basic job interview skills. |
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